

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
SNOW & AVALANCHE STUDY ESTABLISHMENT  
RESEARCH & DEVELOPMENT CENTRE  
HIM PARISAR, PLOT NO-01, SECTOR 37A  
CHANDIGARH - 160036 (UT)

**WALK-IN INTERVIEW FOR THE POSITION OF RESEARCH ASSOCIATES (RA) AND JUNIOR RESEARCH FELLOW (JRF)**

The interested candidates are invited for a walk-in interview at SASE RDC, Him Parisar, Plot No 1, Sector 37A, Chandigarh for the following position:-

01	Junior Research Fellow (JRF)	<p><b>Essential:</b> Post graduate degree in first division with NET/GATE in the fields of Physics/Material Science/Earth Sciences/Geo-Physics/Acoustics with first division at graduate level.</p> <p><b>Desirable:</b> (i) Good working experience in Acoustic/Ultrasonics/Piezo-electrics/Acoustic Emission/Poroacoustics / Photoacoustics. (ii) Expertise in Acoustic Simulation/Modeling/Signal Analysis. (iii) Knowledge of ANSYS/MATLAB/ COMSOL/SPSS/Origin/C/C++/Java (iv) Higher qualifications will be preferable.</p>	02 Nos.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 + HRA	06-04-2017 (1000 hrs)
02	Research Associate (RA)	<p><b>Essential:</b> A doctorate degree (PhD) from a recognized University/Institution in Atmospheric Sciences/Physics/Applied Physics with experience in Atmospheric aerosol modeling OR M.Tech with first division in Atmospheric sciences with three years research or teaching experience with at least one research paper in Science Citation Index (SCI) Journal. Well acquainted in computer programming, FORTRAN, Mat lab etc.</p> <p><b>Desirable:</b> Demonstrated skills in aerosol modeling, climate modeling, observational techniques and data analysis etc. supported by publications in peer review journals.</p>	01 No.	Maximum 35 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 40,000 + HRA	06-04-2017 (1000 hrs)
03	Junior Research Fellow (JRF)	<p><b>Essential:</b> Post graduate in Science degree in first division with NET/GATE in the fields of Computer Science /Statistics/Meteorology with first division at graduate level.</p> <p>OR</p> <p>ME or M.Tech in first division (both at graduate and post graduate level) in the fields of Computer Science</p> <p><b>Desirable:</b> (i) Good working knowledge of Mat.Lab/Visual Basic/C++. (ii) Knowledge of data mining and data base handling.</p>	01 No.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 + HRA	06-04-2017 (1000 hrs)

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04	Junior Research Fellow (JRF)  Essential: Post graduate in Engineering (ME or M.Tech) in first division (both at graduate and post graduate level) in the fields of Computational Fluid Dynamics(CFD)/Thermal Engg/Fluids Engg.  OR BE or B.Tech in first division with NET/GATE in the field of CFD  Desirable: (i) Knowledge of CFD and meshing softwares like Hypermesh, ANSYS Fluent etc (ii) Good programming skills in C/MATLAB. (iii) Experience in handling measuring instruments/equipments for field experiments, if any. (iv) Scientific Publications, if any.	01 No.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 + HRA	06-04-2017 (1000 hrs)
05	Junior Research Fellow (JRF)  Essential : B Tech/BE in first division with NET/GATE in the fields of Electronics/Electronics & Communication/ Instrumentation Engg./ Computer Science/Information technology/ Electrical Engg.  Desirable i) Embedded Systems/C-C++/LabVIEW/Database creation manager	01 No.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 + HRA	06-04-2017 (1000 hrs)
06	Research Associate (RA)  Essential: A doctorate degree from a recognized University/Institution in Electronics/Electronics & Communication / Instrumentation Engg. OR M.Tech/ME with first division in Electronics/Electronics & Communication/ Instrumentation Engg. with three years research or teaching experience with at least one research paper in Science Citation Index (SCI) Journal.	01 No.	Maximum 35 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 40,000 + HRA	06-04-2017 (1000 hrs)
07	Junior Research Fellow (JRF)  Essential: Post graduate in Basic Science in first division with NET/GATE in the fields of Meteorology/Atmospheric Science/Statistics/Computer Science with first division at graduate level.  OR ME or M.Tech in first division (both at graduate and post graduate level) in the fields of Computer/Atmospheric Science/Meteorology.  OR BE or B.Tech in first division with NET/GATE in the fields of Computer.	01 No.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 + HRA	07-04-2017 (1000 hrs)

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	<p><b>Desirable:</b></p> <p>(i) Knowledge of Statistical analysis of data, statistical modeling, spatio-temporal modeling of meteorological variables.</p> <p>(ii) Knowledge of meteorology and climatology.</p> <p>(iii) Knowledge of regional and global scale weather and climate simulation models.</p> <p>(iv) Knowledge of handling, processing and modeling of data in .grib1 format, grib2 format and net format.</p> <p>(v) Good programming skills in VB.net/R software/MATLAB/Orid Analysis and Display system (Grads).</p> <p>(vi) Experience of field data collection, if any.</p> <p>(vii) Scientific publication, if any</p>				
<p>08</p> <p>Research Associate (RA)</p>	<p><b>Essential:</b></p> <p>Post graduate degree M.E/M.Tech in first division in Computer Engineering/Computer Science/Information Technology/Computer Applications from a recognized University/Institution with three years research or teaching experience with at least one research paper in Science Citation Index (SCI) Journal.</p> <p><b>Desirable:</b></p> <p>GATE qualified candidate with research experience/expertise in the fields of cloud computing, virtualization (Hypervisors/Vmware) big data analytics, networking and network security with good publication record will be given preference.</p>	<p>01 No.</p>	<p>Maximum 35 years (relax able by 5 years for SC/ST &amp; 3 years for OBC)</p>	<p>Rs. 40,000 + HRA</p>	<p>07-04-2017 (1000 hrs)</p>
<p>09</p> <p>Junior Research Fellow (JRF)</p>	<p><b>Essential:</b></p> <p>Post graduate science degree in first division with NET/GATE in the fields of Remote Sensing/GIS/Geomatics/Geo-informatics/Earth Science/Physics/Computers/Glaciology with first division at graduate level.</p> <p style="text-align: center;"><b>OR</b></p> <p>ME or M.Tech in first division (both at graduate and post graduate level) in the fields of Remote Sensing/GIS/Geomatics/Geo informatics/Computers.</p> <p><b>Desirable:</b></p> <p>(i) Good working knowledge of different GIS, Remote Sensing and GIS software (e.g. ERDAS, LPS, ArcGIS, ENVI, etc)</p> <p>(ii) Knowledge of remote sensing data analysis for snow and glacier related information extraction</p> <p>(iii) Knowledge of photogrammetry/SAR data processing.</p> <p>(iv) Good programming skills in MATLAB/Python/C/C++ or equivalent</p> <p>(v) Experience of field work, preferably in glaciers.</p> <p>(vi) Scientific Publication, if any</p>	<p>01 No.</p>	<p>Maximum 28 years (relax able by 5 years for SC/ST &amp; 3 years for OBC)</p>	<p>Rs. 25,000 + HRA</p>	<p>07-04-2017 (1000 hrs)</p>

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10	<p>Junior Research Fellow (JRF)</p> <p><b>Essential:</b> Post graduate in science in first division with NET/GATE in the fields of Remote Sensing/GIS/Geomatics /Computers Science with first division at graduate level.</p> <p><b>OR</b> ME or M.Tech in first division (both at graduate and post graduate level) in the fields of Remote Sensing/GIS/Geomatics/Geo informatics/Computers.</p> <p><b>Desirable:</b> (i) Good working knowledge of image processing &amp; GIS software (e.g. ERDAS, ENVI, ArcGIS, etc) (ii) Knowledge of Hyperspectral data processing. (iii) Knowledge of scientific programming languages, e.g. Matlab. (iv) Experience of GPS surveying/field work. (v) Publication in good Journal/Conf, etc</p>	01 No.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 HRA	07-04-2017 (1000 hrs)
11	<p>Junior Research Fellow (JRF)</p> <p><b>Essential:</b> Post graduate in science (MSc) in first division with NET in the fields of Computer Science/Remote Sensing/GIS with first division at graduate level.</p> <p><b>OR</b> ME or M.Tech in first division (both at graduate and post graduate level) in the fields of Electronics &amp; Communication/Civil/Computer Science/Remote Sensing/GIS.</p> <p><b>Desirable:</b> (i) Candidate having experience of working in remote sensing will be given preference.</p>	01 No.	Maximum 28 years (relax able by 5 years for SC/ST & 3 years for OBC)	Rs. 25,000 + HRA	07-04-2017 (1000 hrs)

- Type written application with complete bio-data and attested copies of Mark sheets/Certificates, caste Certificate, Experience certificates, publications if any addressed to Director, Snow & Avalanche Study Establishment (SASE), Research & Development Centre (RDC), Him Parisar, Sector 37A, Chandigarh (UT) should be brought at the time of Walk-in interview along with a recent passport size photograph, duty affixed on the right top corner of the first page of application and a crossed Indian Postal Order amounting to Rs 10/- drawn in favour of the Director SASE-RDC, Him Parisar, Sector- 37A, Chandigarh (candidates belonging to SC/ST and OBC are exempted from this payment). Candidates working in Govt/Public Sector Undertaking/Autonomous Bodies should apply through proper channel.
- Relaxation in age for SC/ST/OBC as per govt. rules will be permissible.
- For field data collection, the selected person will have to regularly visit and stay in the snow bound, glaciated region of Himalaya, as per requirement.
- The positions are purely temporary. The offer of fellowship will not confer any right for regular appointment in DRDO. The period of fellowship will not count for the purpose of seniority, or for counting of length of service in DRDO/other Govt.benefit in case of your appointment at a later date. The contract of the selected candidate may be terminated at any time during the project.
- Desirous candidates appearing for a walk-in interview are required to report at SASE-RDC, Chandigarh as per the following schedule:-
  - Applications would be accepted up to 1000 hrs.
  - Initial screening and verification of testimonials would be done between 1000-1100 hrs on the respective interview Date.
  - Interview of the screened/short listed candidates would take place from 1100 hrs onward.

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GENERAL CONDITIONS

5. The appointment will under 'No circumstances' confer the candidate for any regular appointment in this establishment.
6. Candidates will be required to produce all certificates/testimonials in original during the interview.
7. No TADA will be paid for attending the interview/joining, irrespective of the selection.
8. No govt. accommodation would be provided by the organisation to the selected candidates.

*Vishvesh*

(Vishvesh Chaturvedi)  
Sr Admin Officer  
For Director

Snow & Avalanche Study Establishment  
Ph (O): 0172-2699804-06, Extn: 202  
Fax (O): 0172-2699802

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